

ABSTRACT

An acoustic transducer generating a sound radiation by compression and expansion of an air mass situated between a mobile membrane and a fixed 5 surface or between two mobile membranes.

The present invention concerns a transducer or acoustic loudspeaker of electrodynamic type designed to emit sound waves from a modulated electrical signal.

The particular arrangement of the constituent elements of the 10 transducer as presented in the invention enables the generation of an acoustic radiation (1) by compression and expansion of the air mass located between a mobile membrane (7) and a fixed surface or anvil (10) which are distinguished by being placed opposite one another. The direction of the resulting acoustical wave is perpendicular to the direction of displacement (2) of the membrane 15 This manner of generating an acoustic wave enables the production of transducers with specific electroacoustic directivity characteristics.